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(54) MANUFACTURE OF BATTERY ELECTRODE PLATE

(57)Abstract:

PROBLEM TO BE SOLVED: To prevent jamming due to an electrode plate material of a part in manufacture of a battery electrode plate for pressurizing an electrode plate by means of a pressurizing member for battery electrode plate compression whose surface is rugged.

SOLUTION: A slurry whose main component is nickel hydroxide powder of active substance, bonding agent, and water is kneaded, a longitudinal material in which the slurry is filled in a sponge-like nickel porous body which is a battery electrode collector and dried is pressurized and rolled by means of a battery electrode pressurization roll 1 of 120mm in

diameter. ON the surface of the roll 1, a number of fine rhombic recess parts 3 is provided, a depth h of the recess part 3 is 20 to 30 μ m, and an obtuse angle α formed by the side face of the recess part 3 and the top face of a protrusion part 2 is 130 to 150°.

